EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE November 9, 1973

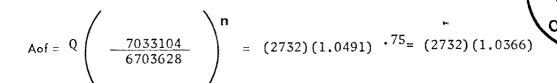
El Paso Natural Gas Company Location 1460/S, 990/W, Sec. 32, T27N, R5W Formation Dakota		San Juan 27-5 Unit #167		
		County Rio Arriba	State New Mexico	
		Pool Basin		
Casing: Diameter 4.500	Set At: Feet 7651'	Tubing: Diameter 1 1/2"	Set At: Feet 7601'	
Pay Zone: From 7440	т о 7620	Total Depth: 7651	Shut In 10-19-73	
Stimulation Method Sandwater Frac		Flow Through Casing XX	Flow Through Tubing	

Cheke-Size, Inches	Plate Constant:	C			
2.750" Plate; 4" Meter 41 10		Tested through a 3/4" Variable choke			
Shut-In Pressure, Casing, Tunpsic	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing	PSIG	+ 12 = PSIA
2640	2652	21	2610		2622
Flowing Pressure: P PSI	+ 12 = PSIA		Working Pressure: Pw	PSIG	+ 12 = PSIA
145 meter: 214 we-1hea	d 157 meter:	226 wellhe	ad 562		574
Temperature:	n =		Fpv (From Tables)		Gravity
T= 75 °F Ft= .985	9 .75		1.013		.655 Fg = 1.236

CHOKE VOLUME = Q = C x P, x F, x Fg x Fpv

Q = Calculated from orifice meter readings = 2732 MCF/D

OPEN FLOW = Aof = Q
$$\begin{pmatrix} & & & \\ & \frac{2}{P_c} & \\ & P_c & P_w \end{pmatrix}$$



Aof = 2832 MCF/I

Note: The well produced 13.7 bbls of

49.1° API Gravity Oil and 20 bbls

of water during the test.

TESTED BY _____ Carl Rhames

WITNESSED BY_____

Well Test Engineer /